

Features:

- 16 Channels + 1310PB + Express Channel DWDM Mux/Demux
- Channel Wavelengths: DWDM CH. 21 - CH. 36 + 1310PB + Express
- Channel Spacing: 100GHz
- 19" 1U Rack Mount
- Maximum Optical Power: 300mW



- Connector Type - All Ports: LC/UPC
- Operating Temperature: -10 to 75°C
- Storage Temperature: -40 to 85°C
- Dimensions: 250mm x 440mm x 44mm
- Faceplate: 482.6mm

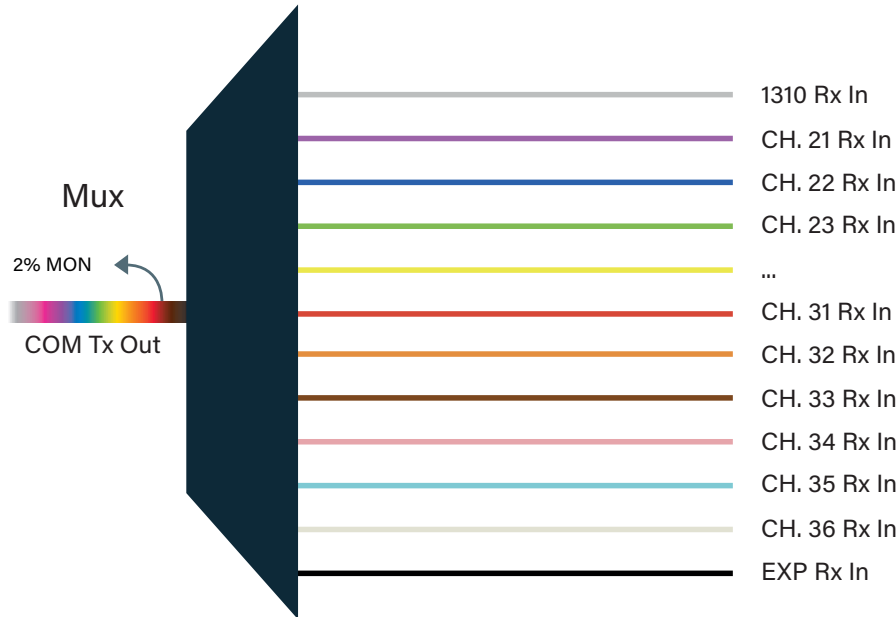
1. Optical Requirements

Parameter	Value
Passband, DWDM Channel Ports (Min.)	$\geq \text{ITU} \pm 0.11\text{nm}$
Passband, 1310	1260nm - 1360nm
Passband, Express Port (Min.)	1500nm - 1600nm (Excl. CH. 21 - CH. 36)
Passband Ripple (Max.)	$\leq 0.5\text{dB}$
Isolation, Adjacent Channel - DWDM (Min.)	$\geq 30\text{dB}$
Isolation, Non-Adjacent Channel - DWDM (Min.)	$\geq 40\text{dB}$
Isolation, Express Channel (Min.)	$\geq 12\text{dB}$
Return Loss - All Ports (Min., Including Connectors)	$\geq 45\text{dB}$
Directivity - DWDM Ports (Min.)	$\geq 50\text{dB}$
Polarization Dependent Loss (Max.)	$\leq 0.2\text{dB}$
Polarization Mode Dispersion (Max.)	$\leq 0.2\text{ps}$

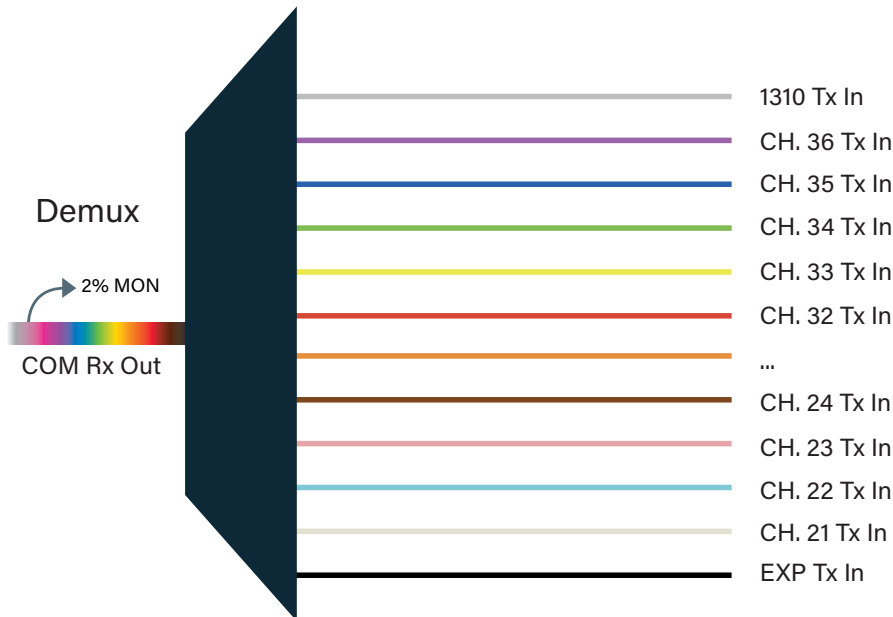
2. Insertion Loss

Parameter	Value
DWDM Channel Insertion Loss (Typ., Incl. Connectors)	5.0dB
DWDM Channel Insertion Loss (Max., Incl. Connectors)	$\leq 5.2\text{dB}$
1310 Passband Insertion Loss (Typ., Incl. Connectors)	1.1dB
1310 Passband Insertion Loss (Max., Incl. Connectors)	$\leq 1.3\text{dB}$
Express Insertion Loss (Typ., Incl. Connectors)	4.8dB
Express Insertion Loss (Max., Incl. Connectors)	$\leq 5.0\text{dB}$
MON Port Insertion Loss (Incl. Connectors)	24.2dB Mux/19.0dB Demux

3. Network Diagram



Channel	Typical	Max
1310	1.1	1.3
CH. 21	1.5	1.7
CH. 22	1.9	2.1
CH. 23	2.2	2.4
CH. 24	2.6	2.8
CH. 25	2.8	3.0
CH. 26	3.0	3.2
CH. 27	3.2	3.4
CH. 28	3.4	3.6
CH. 29	3.6	3.8
CH. 30	3.8	4.0
CH. 31	4.0	4.2
CH. 32	4.2	4.4
CH. 33	4.4	4.6
CH. 34	4.6	4.8
CH. 35	4.8	5.0
CH. 36	5.0	5.2
EXP	4.8	5



Channel	Typical	Max
1310	1.1	1.3
CH. 36	1.5	1.7
CH. 35	1.9	2.1
CH. 34	2.2	2.4
CH. 33	2.6	2.8
CH. 32	2.8	3.0
CH. 31	3.0	3.2
CH. 30	3.2	3.4
CH. 29	3.4	3.6
CH. 28	3.6	3.8
CH. 27	3.8	4.0
CH. 26	4.0	4.2
CH. 25	4.2	4.4
CH. 24	4.4	4.6
CH. 23	4.6	4.8
CH. 22	4.8	5.0
CH. 21	5.0	5.2
EXP	4.8	5

4. Mechanical Diagram



5. Contact Information

Tel: 800.590.9535

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